ANNUAL
ALBERTA
LABOUR
REPORT
1990/91

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93-01048/

Alberta

LABOUR

Also responsible for
LABOUR RELATIONS BOARD
HUMAN RIGHTS COMMISSION
WOMEN'S SECRETARIAT
ADVISORY COUNCIL ON WOMEN'S ISSUES
PERSONNEL ADMINISTRATION OFFICE

Office of the Minister

103 Legislature Building
Edmonton, Alberta T5K 2B6
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June 1992

The Honourable Dr. David J. Carter
Speaker
Legislative Assembly of Alberta

Dear Sir:

I have the honour to submit the Annual Report for the Alberta Department of Labour for the fiscal year ended March 31, 1991.

Respectfully submitted,

Elaine McCoy, Q.C.
Minister of Labour

Alberta

LABOUR

Office of the Deputy Minister

10 th Floor, 10808 - 99 Avenue, Edmonton, Alberta, Canada T5K 0G5 403/427-8305 Fax 403/422-9205

June 1992

Honourable Elaine McCoy, Q.C.
Minister of Labour
103 Legislature Building
Edmonton, Alberta
T5K 2B6

Dear Ms McCoy:

I am pleased to present the Annual Report for the Alberta Department of Labour for the fiscal year ended March 31, 1991.

Respectfully submitted,

Robin J.C. Ford
Deputy Minister

Report from the Deputy Minister

Fiscal 1990-91 was a transition year for Alberta Labour. In addition to fulfilling its usual duties, each division was challenged by a major restructuring of the department. Throughout the year, every division and branch asked itself how it could become more effective in identifying and responding to work and safety issues. Every component of the department participated in the formation of a new corporate plan and in the reaffirmation of the department's mission and goals.

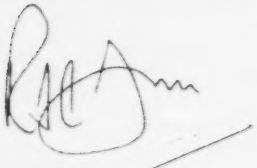
The 1990-91 annual report reflects the old organizational structure, as outlined on the following page. Wherever possible we have highlighted the changes and achievements that have helped to draw a new map for Alberta Labour. The new structure, effective April 1, 1991, follows the old organizational chart.

For the staff of Alberta Labour, the fiscal year has meant a major transition in an increasingly demanding environment. Without the commitment of department staff, it would have been impossible for the department to meet an overall 15 per-cent increase in demand for our services within a 10-per-cent decrease in the real value of available resources. The dedication of staff has been exceptional.

In many ways, this annual report is a story about a new direction for Alberta Labour, mapping our way through an Alberta world of work and safety that is undergoing a major transformation. Ever increasing expectations challenge us to rethink, and in many instances, shift our direction to provide services in ways and in areas we never before contemplated.

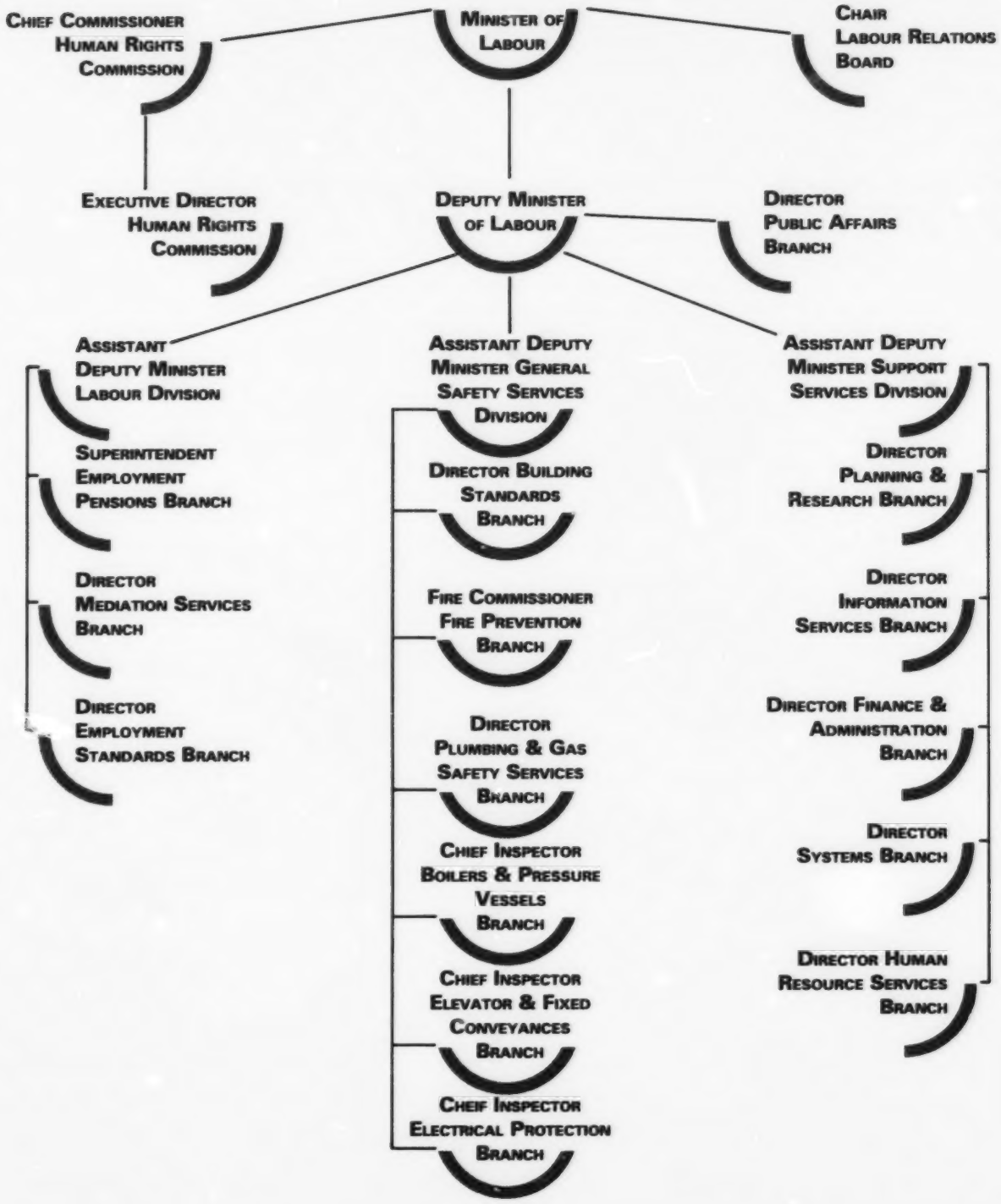
Our new course must, and will, be charted in partnership with business, labour, equity groups and all interested Albertans. No single department, or individual, or company can possibly hope to deal with the forces reshaping the future of work and safety in the Province of Alberta.

I have no doubt the next annual report for the Department of Labour will speak to our experiences in a determined search for new and better directions.

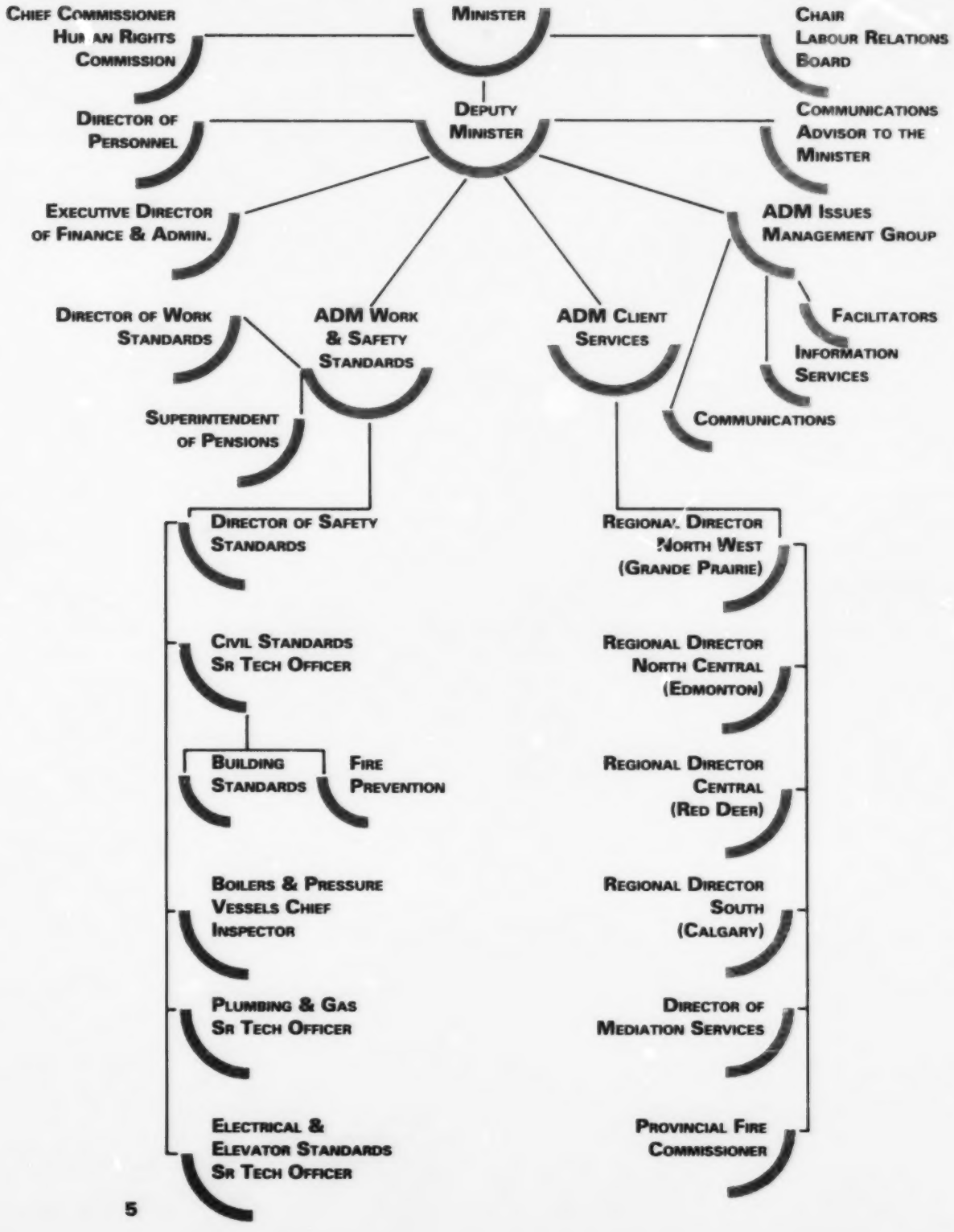


Robin J.C. Ford
Deputy Minister

ORGANIZATION CHART: ALBERTA LABOUR (TO MARCH 31, 1991)


Chief Commissioner Human Rights Commission
Minister of Labour
Chair Labour Relations Board
Executive Director Human Rights Commission
Deputy Minister of Labour
Director Public Affairs Branch
Assistant Deputy Minister Labour Division
Superintendent Employment Pensions Branch
Director Mediation Services Branch
Director Employment Standards Branch
Assistant Deputy Minister General Safety Services Division
Director Building Standards Branch
Fire Commissioner Fire Prevention Branch
Director Plumbing & Gas Safety Services Branch
Chief Inspector Boilers & Pressure Vessels Branch
Chief Inspector Elevator & Fixed Conveyances Branch
Chief Inspector Electrical Protection Branch
Assistant Deputy Minister Support Services Division
Director Planning & Research Branch
Director Information Services Branch
Director Finance & Administration Branch
Director Systems Branch
Director Human Resource Services Branch

ORGANIZATION CHART: ALBERTA LABOUR (FROM APRIL 1, 1991)



OVERVIEW

Our Mission

Alberta Labour works in partnership with organizations and individuals to enhance the quality of working life and public safety for all Albertans.

In 1990-91, the department had three divisions: Labour; General Safety; and Support Services.

The Labour Division . . .

was responsible for enhancing the quality of working life for all Albertans. It consisted of the Employment Standards Branch, the Mediation Services Branch and the Employment Pensions Branch.

The General Safety Services Division . . .

was responsible for enhancing the public safety of Albertans. It consisted of the Boilers and Pressure Vessels Branch, the Building Standards Branch, the Electrical Protection Branch, the Elevator and Fixed Conveyances Branch, the Plumbing and Gas Safety Services Branch and the Fire Prevention Branch.

The Support Services Division . . .

helped the rest of the department do its job by providing information, financial and technical services. It consisted of the Finance and Administration Branch, the Personnel Branch, the Information Services Branch, the Communications Branch, and the Systems Branch. The division also provides services to the Personnel Administration Office, the Human Rights Commission, the Labour Relations Board, the Alberta Women's Secretariat, the Advisory Council on Women's Issues and the public.

LEGISLATION

Alberta Labour administers the following statutes:

Department of Labour Act
Boilers and Pressure Vessels Act
Burial of the Dead Act
Electrical Protection Act
Elevator and Fixed Conveyances Act
Employment Pension Plans Act
Employment Standards Code
Fire Prevention Act
Gas Protection Act
Industrial Wages Security Act
Plumbing and Drainage Act
Police Officers Collective Bargaining Act
Uniform Building Standards Act
*Individual's Rights Protection Act
**Labour Relations Code

*The Alberta Human Rights Commission . . .

promotes the fair treatment of Albertans by administering the Individual's Rights Protection Act. The Commission consists of seven commissioners appointed by the Lieutenant Governor in Council. The Commission's annual report is tabled separately in the Legislative Assembly.

**The Labour Relations Board . . .

promotes the fair conduct of labour relations by deciding complaints and applications arising under the Labour Relations Code. Appointed by the Lieutenant Governor in Council, the board in 1991 had a full time chair, three vice-chairs, and 20 representative members -- 10 from labour and 10 from management. The Board's annual report is tabled separately in the Legislative Assembly.

THE LABOUR DIVISION : ENHANCING THE QUALITY OF WORKING LIFE

The Employment Standards Branch . . .

- promotes positive employer-employee relations and progressive workplace standards
- assists in the resolution of disputes between employers and employees
- conducts workshops and seminars to inform Albertans about their workplace rights and obligations under the Employment Standards Code and the Industrial Wages Security Act
- offers special employment programs to assist employers and employees who, due to unique employment situations, may require exemptions from some provisions of the Employment Standards Code

The Employment Standards Code applies to most workers in Alberta and establishes minimum employment conditions for hours of work, wages, overtime, vacation and general holiday pay, notice of termination of employment, and parental benefits.

The Industrial Wages Security Act provides wage protection for employees in the lumber industry.

Signposts

In 1990-91 the branch investigated close to 9,500 complaints. Forty per cent were resolved within 30 days and 70 per cent within 90 days. About 9,300 new claims concerned possible violations of the Employment Standards Code. Most claims were filed by employees who had already left the employment relationship for a variety of reasons. The majority of claims were about non-payment of wages and most were from the retail, food and accommodation industries.

Full payment was obtained or settlements negotiated in more than half the cases. The rest were either referred to the courts, unsubstantiated or unresolved because of bankruptcy. The department issued 1,923 Orders to Pay, of which 579 were appealed. Employee claims were upheld in 85 per cent of umpire appeals. Alberta Labour collected $3.4 million on behalf of employees, an increase of approximately 10 per cent over the previous year.

In 1990-91 the branch conducted 292 informational seminars and workshops to inform employees and employers of their rights and obligations in the workplace. These were attended by some 6,700 Albertans. The branch was also represented at five trade shows. During the year, 32 informational seminars, attended by approximately 800 employers and employees, were presented in partnership with various organizations that provide assistance to immigrant employers and employees.

New Directions

The branch began a complete review of its activities, with a view to improving the relevance and delivery of branch services. As part of this effort, the branch began looking for ways to strengthen its partnership with employers, employees, educators and other governments in identifying and responding to workplace issues.

In July 1990 the Minister of Labour officially opened the department's first storefront office. Situated at street level near downtown Edmonton, the office is a place for employers and employees to drop by for information, to file a claim or to simply talk about workplace issues with one of our staff members.

The branch installed a telephone line that provides taped information about employment standards 24 hours a day, seven days a week. A similar storefront office and telephone service are planned for Calgary.

The branch published Cree and Blackfoot versions of its employment standards brochure, which is also available in French, Arabic, Chinese, Polish, Punjabi, Spanish and Vietnamese.

Education continued to be a primary focus for the branch, informing employees and employers across the province of their rights and responsibilities.

The Mediation Sevices Branch . . .

helps prevent and resolve labour disputes by providing third-party mediation in contract negotiations and by appointing arbitrators and/or members to grievance arbitration boards. Away from the bargaining table, the branch assists labour and management develop positive, effective relationships. Eductational programs offered include Grievance Mediation, Labour-Management Committees, Joint Training, and Relationship by Objectives.

Signposts

The branch made a total of 202 mediation appointments to resolve disputes in 1990-91, a 63 per cent increase over the previous year.

Twelve strikes occurred in 1990-91. This represented less than two per cent of all expired agreements. Four strikes were in the public sector and involved: the City of Calgary and Paramedics; Sherwood Park Roman Catholic School Board and the Alberta Teachers' Association; Calgary School District Number Nine and Staff Association; and, the Edmonton Public School Board and Staff Association. Three of these strikes lasted two days; Edmonton Public lasted one month.

Eight strikes were in the private sector. Several of the walkouts lasted one to three months. The longest strike involved Stelco and the United Steelworkers of America, who were in a nationwide dispute.

Thirty-nine arbitrators and/or members were appointed to grievance arbitration boards.

New Directions

During the past year the branch responded to a growing demand for its preventive mediation programs. These are designed to prevent contract disputes by improving year-round labour-management relationships. Of note -- hospital management and unions across the province requested joint training workshops to help improve their relationships.

The branch also began exploring ways to further enhance its effectiveness as a third party mediator and to further promote less adversarial labour-management relations.

The Employment Pensions Branch . . .

safeguards employee entitlements to benefits under private pension plans by ensuring plans are properly administered and funded according to the Employment Pension Plans Act.

Alberta is party to two agreements, one with the federal government and the other with provinces having legislation similar to Alberta's. The agreements provide for the reciprocal registration, audit and inspection of pension plans. The branch carries out the responsibilities of other jurisdictions in cases where reciprocal agreements apply.

The branch is also the repository for trust agreements relative to employee benefit plans filed under section 154 of the Labour Relations Code. The branch publishes an Annual Statistical Report containing information on membership, contributions, financial status and actuarial assumptions for all pension plans registered under the Act. The branch supervised 1,550 pension plans in 1990/91.

Signposts

In April and June of 1990, amendments were made to the Employment Pension Plans Regulation to accommodate recent changes to the Income Tax Act (Canada) and to provide for some housekeeping requirements.

New Directions

In 1990-91 the branch enhanced efforts to explain pension legislation and to ensure pension plans are amended to comply with new legislation throughout Canada.

GENERAL SAFETY SERVICES DIVISION : ENHANCING PUBLIC SAFETY

During 1990-91, all branches of General Safety Services participated in developing a new, more comprehensive safety system and legislative framework for Alberta. Extensive consultations were held with interest groups to develop a system based on partnership with business, labour, education and local government. Most of the preparatory work for the new Safety Codes Act was completed prior to the fiscal year-end. The Act will substantially affect operations in the following branches, which are described here as they were organized during the 1990-91 fiscal year.

The Boilers and Pressure Vessels Branch . . .

promotes the safe design, construction and use of pressure vessels, boilers and pressure piping systems through standards development, inspections, informational programs, public safety alerts, and the examination and certification of power engineers and pressure welders. The goal is to protect life and property wherever pressure equipment is used, including refineries, petrochemical plants, industrial plants, schools, hospitals and vehicles used for transporting hazardous material under pressure.

Signposts

Several major pressure equipment projects were completed or underway in 1990-91, including the Daishowa Pulp Mill, the Dow Chemical expansions, the Shell Caroline Gas Plant, the Alberta Pacific Pulp Mill, and the Neste Oy Gasoline Additive Plant.

During the year, branch staff inspected a total of 67,681 pressure vessels and investigated 26 accidents involving five deaths and six injuries.

New Directions

The branch began phasing in a quality control program to assist the owners and operators of pressure vessels in conducting their own inspections. Program guidelines were developed in partnership with industry.

The Buildings Standard Branch . . .

works in partnership with Alberta municipalities to ensure Alberta Building Code standards are applied to new and renovated buildings. Most Alberta municipalities -- 309 of 371 -- are authorized to administer and enforce the Code within their boundaries. The branch provides administrative and technical assistance. It trains municipal and provincial building inspectors. As well, it offers seminars to individuals and associations affected by the Code. The branch provides administrative and technical support to the Alberta Building Standards Council, which hears appeals of building inspectors' orders and advises the Minister of Labour and the department.

Signposts

In 1990-91 the branch examined plans for 2,776 buildings, worth an estimated $378 million and involving a total floor area of nearly 700,000 square metres. While the number of projects was up by nearly 22 per cent over the previous year, total floor space decreased by about 17 per cent.

New Directions

The branch developed one-day seminars on changes to the building code. The seminars were presented throughout the province to federal, provincial and municipal employees, architects, engineers, interior designers, contractors and the public.

The Electrical Protection Branch . . .

promotes the safe use of electricity through standards development, inspections, accident investigations and educational programs for the electrical industry and general public.

Signposts

The branch conducted 24,218 inspections, issued 2,839 Master Electrician Certificates, and conducted 903 public seminars and meetings.

New Directions

The Branch is now promoting quality control programs for smaller installations.

Work began with the Energy Resources Conservation Board and Occupational Health and Safety to provide technical support and develop a cooperative approach to electrical safety in mines.

Work also began to adopt the the 16th edition of the Canadian Electrical Code Part 1 for use in Alberta in 1991. The new code helps keep industry abreast of changes in technology and materials.

The growing popularity of the Canadian Standards Association special inspection service is reducing demands for provincial involvement in approval of electrical equipment.

The Elevators and Fixed Conveyances Branch . . .

promotes the safe use of elevators, escalators, ski lifts, amusement rides and other fixed conveyances. The Branch develops standards and enforces them by conducting inspections, accident investigations, design reviews and audits of the operating and maintenance practices of equipment owners. Additionally, branch inspectors provide information and guidance to equipment owners and operators.

Signposts

The branch investigated 16 accidents and inspected 245 new and 4,500 existing installations.

New Directions

The branch is now devoting more effort to educating owners about operation and maintenance standards and practices.

The Plumbing and Gas Safety Services Branch . . .

promotes the safe installation and use of plumbing, private sewage disposal and natural and propane gas systems (including the conversion of vehicles to propane and natural gas fuel). The branch helps develop national and provincial standards. It provides input into the apprenticeship training and certification of gasfitters, pipefitters and plumbers. The Branch issues permits, conducts inspections, accident investigations and special equipment approval, and offers safety and training seminars for tradespeople. Public safety awareness is also promoted. The branch also offers consulting and special equipment approval services.

Signposts

The branch issued 34,173 installation permits to plumbers, gasfitters and homeowners. It conducted 34,188 inspections of plumbing and gas systems, offered 824 safety training seminars, made 29,222 contacts with industry and public through its consulting service and certified 487 installers.

New Directions

The branch began reviewing a wide array of codes and regulations related to plumbing and gas. Of particular note -- the branch started a major review of the Propane Motor Vehicle Conversion Program. The intention was to adapt the program to include natural gas vehicle conversion, which is attracting interest as an alternate fuel source. The branch is proposing to adopt the Canadian Plumbing Code, which is a national standard, in place of the existing Alberta Plumbing and Drainage Act regulations. Benefits include uniformity of installation requirements throughout Canada, and interprovincial trade certification. All codes and regulations were proposed to come into effect July 1, 1992.

The Fire Prevention Branch . . .

works in partnership with municipal fire departments and other agencies to reduce the risk of fire. Branch inspectors assist fire and police departments in investigating fires. The branch collects and disseminates fire safety information and statistics. The branch runs the Alberta Fire Training School in Vermilion. It conducts seminars, assists in fire station design, and prepares specifications for fire fighting equipment. It also provides the secretary to the Fire Prevention Council, an appointed, quasi-judicial body of 11 trade, professional and safety representatives. The council hears appeals of orders issued to ensure compliance with the Fire Code and other fire safety standards.

Signposts

The branch distributed 430,000 pamphlets in two major public education campaigns, one during Fire Prevention Week in October and the second during the Christmas season.

The branch investigated 359 fires over the past year, and held 185 seminars for municipal administrators and fire department personnel.

New Directions

In discussions with municipal and fire department officials, the branch is promoting master planning as a means of improving fire protection.

SUPPORT SERVICES DIVISION: PROMOTING SERVICE EXCELLENCE

The Finance and Administration Branch . . .

records and processes financial transactions for the department and its other client organizations (Personnel Administration Office, Women's Secretariat, Advisory Council on Women's Issues). It coordinates the acquisition, maintenance and renovation of space, furniture and telecommunications systems. It coordinates the preparation of the department's budget and provides managers with financial advice.

The Systems Branch . . .

coordinates the purchase and use of all computers and their software. The branch develops, installs and maintains automated office systems.

The Personnel Branch . . .

assists department managers in all areas of human resource management including recruitment, job evaluation, position classification and staff development. The branch is also responsible for occupational health and safety, human resource planning, administering pay and benefits, and resolving employee relations issues.

The Policy and Research Branch . . .

assists the department in policy analysis, planning support, legislative planning, research, and in the development, analysis and distribution of statistics for the department.

The Information Services Branch . . .

provides the resources and services to respond to information requests from within the department, client organizations, members of the labour relations community and the general public. In 1990-91 the branch circulated more than 5, 300 publications and audio-visual items from the library, including the fire safety collection and the Personnel Administration Office's career development collection. The branch also operates the Integrated Bargaining Information System (IBIS). The IBIS database contains wage, benefits and other data from the 1,300 collective agreements currently filed with Alberta Labour. IBIS also tracks the bargaining status of high profile agreements. It provides strike and lockout data, monitors mediation appointments, and tracks the progress of bargaining disputes.

The Communications Branch . . .

provides public relations counsel and services to the Minister's office, the department and its affiliated agencies. Branch personnel coordinate the production and distribution of brochures, newsletters, annual reports, news releases, speeches, posters, displays and other printed and audio-visual materials. Branch staff develop and implement communications plans, maintain media relations and provide a daily news clipping service.

SUMMARY OF EXPENDITURES OF ALBERTA LABOUR FOR THE FISCAL YEARS ENDED MARCH 31, 1990 AND 1991

	1989/90	1990/91
DEPARTMENTAL SUPPORT SERVICES		
Minister's Office	314,564	295,480
Executive Management	495,412	732,298
Personnel	271,603	289,743
Finance and Administration	1,185,573	1,202,919
Systems	963,653	862,879
Communications	108,275	98,687
Planning and Research	603,417	374,840
Information Services	442,573	686,886
TOTAL	$ 4,385,070	$ 4,543,732
LABOUR RELATIONS		
Divisional Support	218,260	126,434
Pensions	365,253	399,971
Mediation	931,964	1,005,786
Employment Standards	4,396,843	4,567,645
Employee/Employer Services	224,298	257,096
TOTAL	$ 6,136,618	$ 6,356,932
GENERAL SAFETY SERVICES		
Divisional Support	357,877	624,787
Boilers	3,556,706	3,807,589
Building Standards	1,577,513	1,672,927
Electrical Protection	2,753,114	3,111,254
Elevators	678,219	738,378
Fire Prevention	2,435,915	2,928,692
Plumbing and Gas	2,761,232	3,002,859
TOTAL	$ 14,120,576	$ 15,886,486
LABOUR RELATIONS ADJUDICATION & REGULATION	$ 1,540,374	$ 1,622,038
INDIVIDUAL'S RIGHTS PROTECTION	$ 1,476,183	$ 1,623,001
DEPARTMENT TOTAL	$ 27,658,821	$ 30,032,189

SUMMARY OF REVENUE OF ALBERTA LABOUR
FOR THE FISCAL YEARS ENDED MARCH 31, 1990 AND 1991

	1989/90	1990/91
FEES, PERMITS AND LICENCES:	2,703,574	2,680,934
Boilers and Pressure Vessels Act	1,653,349	1,575,120
Electrical Protection Act	1,243,874	1,169,582
Other		
TOTAL	$ 5,600,797	$ 5,425,636
OTHER REVENUE:		
Refunds of Expenditure	214,690	27,124
Miscellaneous Revenue	68,467	144,655
Previous Years Refunds	11,370	18,406
TOTAL	$ 294,527	$ 190,185
TOTAL REVENUE:	$ 5,895,324	$ 5,615,821

TABLES

EMPLOYMENT PENSIONS BRANCH

Surplus Refunds

Surplus refunds to employers from pension plans supervised by the Employment Pensions Branch during the fiscal years ended March 31 in 1989, 1990 and 1991 (in millions of dollars).

Year	Continuing Plans	$	Discontinuing Plans	$	Total Plans	$
1989	2	7.6	14	1.7	16	9.3
1990	2	.3	9	5.5	11	5.8
1991	2	.3	24	5.6	26	5.9

EMPLOYMENT STANDARDS BRANCH

Claims Filed By Type

	1988/89	1989/90	1990/91
Non-Payment of Wages	4,867	5,635	5,484
Vacation Pay	4,295	5,172	4,989
Termination Pay	2,131	2,294	2,569
Overtime	1,828	2,118	2,177
General Holiday Pay	1,067	1,277	1,451
Other	312	411	502
Minimum Wage	63	87	76
Parental Leave	5	2	9
Total	14,568	16,996	17,257

Claims Registered, Concluded and In Progress

	1988/89	1989/90	1990/91
Registered	7882	9122	9383
Concluded	7835	8735	9519
In Progress	1686	2073	1937

Claims Filed By Industry

	1988/89	1989/90	1990/91
Service	5195	5768	6139
Construction	983	1096	1180
Manufacturing	676	959	915
Transp & Utilities	388	426	481
Petro Chemicals	279	336	231
Forestry	216	380	252
Agriculture	121	133	153
Mines & Minerals	16	20	23
Land Surveying	8	4	9
Totals	7882	9122	9383

MEDIATION SERVICES BRANCH

	1989/90	1990/91
DISPUTES		
Agreements expired April 1 - March 31	528	565
Disputes involving mediators	158	234
Strikes	4	12
Lockouts	1	0
Strike/lockout simultaneous	0	0
Person days lost to work stoppages	15,039	*66,267
ARBITRATION		
Compulsory arbitration boards	2	2
Voluntary arbitration boards	0	0
PREVENTIVE MEDIATION		
Grievance mediation	54	43
Labour management committees	2	5
Joint training	1	17
Consultation, education	5	30

* Note: Stelco and Edmonton School District strikes accounted for approximately 54,000 of the 66,267 person days lost.

BOILERS AND PRESSURE VESSELS BRANCH

	1988/89	1989/90	1990/91
DESIGNS PROCESSED	13,967	14,543	15,250
QUALITY CONTROL SYSTEMS REGISTERED			
Certificates issued and renewals	218	197	195
Companies with registered quality control systems	495	501	652
INSPECTIONS	50,187	n/a*	50,768
BOILERS AND PRESSURE VESSELS CONSTRUCTED IN ALBERTA	7,846	7,003	7,009
EXAMINATIONS CONDUCTED:			
Engineers and building operators	5,490	5,692	5,432
Pressure welders	752	726	716
EXAMINATIONS PASSED:			
Engineers and building operators	4,656	4,610	4,508
Pressure welders	405	432	387
ACCIDENTS INVESTIGATED:			
Accidents	22	33	26
Injuries	6	6	6
Fatalities	3	0	5

* Not available due to computer program changes

BUILDING STANDARDS BRANCH

	1988/89	1989/90	1990/91
General Statistics			
Building plans examined:			
Assembly	249	332	275
Institutional	28	24	19
Residential:			
General	78	84	87
Single family	259	415	559
Business and personal services	94	104	87
Mercantile	77	66	71
Industrial	243	244	236
Total	1,028	1,269	1,334
Floor area (m)			
Assembly	191,008	306,363	169,173
Institutional	60,267	53,343	12,805
Residential:			
General	86,200	56,330	122,938
Single Family	50,744	87,701	118,814
Business and personal services	49,870	84,400	36,427
Mercantile	59,964	58,208	71,808
Industrial	240,696	184,891	155,191
Total	738,749	831,236	687,156
Estimated value	$406,000,000	$457,290,000	$377,936,000
Inspections	1,569	1,501	388
Mechanical Statistics			
Buildings plans examined:			
Assembly	172	214	228
Institutional	21	24	22
Residential:			
General	35	42	60
Single Family	9	135	303
Business and personal services	48	63	56
Mercantile	41	42	60
Industrial	122	124	147
Total	448	644	876

BUILDING STANDARDS BRANCH (CONT.)

	1988/89	1989/90	1990/91
FLOOR AREA (M)			
Assembly	227,080	298,529	166,811
Institutional	44,571	34,549	20,710
Residential:			
General	43,908	49,238	86,633
Single family	2,923	31,908	56,689
Business and personal services	33,340	49,098	23,433
Mercantile	44,908	72,031	67,143
Industrial	137,717	147,443	128,870
TOTAL	534,447	682,796	550,289
INSPECTIONS	872	595	156
TOTAL INSPECTIONS (GENERAL AND MECHANICAL)	2,441	2,096	544
PLANS EXAMINED	1,658	2,274	2,766
TECHNICAL PROGRAM STATISTICS			
TRAINING AND EDUCATION PROGRAMS			
Students enrolled in courses	598	766	870
Assignments marked	1,248	1,197	1,615
Examinations taken	88	93	218
Seminars/workshops given	16	20	20
APPEALS TO ALBERTA BUILDING STANDARDS COUNCIL			
Appeals received	22	28	23
Orders confirmed	14	13	15
Orders revoked	1	3	0
Orders varied	5	7	6
Appeals withdrawn	2	5	2
PRODUCTS AND SYSTEMS APPROVALS			
Total requests	52	47	36
Product Listing bulletins (new)	13	21	25
Product Listing bulletins (revised)	9	7	2
Standata bulletins (new)	10	50	43
Standata bulletins (revised)	9	2	8

ELECTRICAL PROTECTION BRANCH

	1988/89	1989/90	1990/91
ELECTRICAL PERMITS ISSUED	**30,280**	**32,590**	**33,107**
INSPECTIONS CONDUCTED			
Covered by permits	**20,731**	**19,993**	**19,619**
Not covered by permits	**1,128**	**1,591**	**1,209**
Electrical Equipment Approvals	**3,649**	**3,178**	**2,986**
Electrical Utility Installation	**1,995**	**547**	**404**
TOTAL INSPECTIONS	**27,503**	**25,249**	**24,218**
MASTER ELECTRICIAN CERTIFICATION			
Master Certificates Issues/Renewed	**2,735**	**2,747**	**2,839**
Master Examinations Written	**308**	**299**	**274**
ACCIDENT AND FIRE INVESTIGATIONS			
Fatal Accidents	**5**	**10**	**4**
Non-Fatal Accidents	**59**	**61**	**55**
Fires	**39**	**55**	**64**
SEMINAR ACTIVITIES AND MEETINGS	**1,101**	**823**	**903**
TECHNICAL INTERVIEWS	**65,512**	**62,552**	**60,002**

ELEVATOR AND FIXED CONVEYANCES BRANCH

	1988/89	1989/90	1990/91
INSPECTIONS OF EXISTING INSTALLATIONS			
Elevators and related equipment	3,457	3,168	3,021
Passenger Ropeways (ski lifts)	145	157	141
Amusement Rides	334	369	210
Elevators (Canada Labour)	79	60	60
Reinspections (all classes)	828	904	984
Special Inspections (all classes)	41	45	45
TOTAL	4,884	4,703	4,461
ACCEPTANCE INSPECTIONS AND TESTS OF NEW INSTALLATIONS			
Elevators and related equipment	207	201	238
Passenger ropeways	8	6	8
Amusement Rides	1	10	1
Preliminary inspections (all classes)	251	224	315
TOTAL	467	441	560
DESIGN REVIEWS	168	255	222
ACCIDENT INVESTIGATIONS	22	24	16
INSPECTIONS INVOICED	3,834	3,486	3,541
***AMUSEMENT RIDE LICENCES ISSUED**			
Permanent Rides			67
Portable Rides			185
TOTAL			252
***AMUSEMENT RIDE CONTRACTOR AUDITS**			
Permanent Rides			11
Portable Rides			13
TOTAL			24

*New programs implemented in 1990-91

FIRE PREVENTION BRANCH

	1988/89	1989/90	1990/91
FIRE SERVICES			
Building fire inspections conducted	1,902	1,227	482
Orders issued	29	32	6
Plans examined	316	149	129
Inventories of fire department equipment	1,003	1,208	46
Testing of fire fighting personnel	0	83	156
Meetings and lectures conducted	0	1,053	1,274
Attendance	6,347	3,682	4,247
FIRE INVESTIGATIONS			
Investigations conducted by branch	384	436	359
Investigations by other agencies	1,076	974	1.081
TOTAL	1,460	1,410	1,440
CAUSES OF FIRES INVESTIGATED			
Arson	1,154	965	1,184
Accidental or unknown	306	444	254
Under investigation	0	1	2
TOTAL	1,460	1,410	1,440
FIRE SERVICE PERSONNEL TRAINING			
ALBERTA FIRE TRAINING SCHOOL			
Municipal	763	797	861
Industrial	497	473	561
Extension Courses/Local Presentation	982	1,203	1,806
TOTAL - FIRE SERVICE PERSONNEL TRAINING AND AFTS INDUSTRIAL TRAINING PROGRAMS	2,242	2,473	3,228

PLUMBING AND GAS BRANCH

	1988/89	1989/90	1990/91
PLUMBING AND GAS PERMITS ISSUED			
Plumbing permits	5,106	5,937	7,247
Private sewage disposal permits	2,110	2,625	2,983
Subtotal: Plumbing permits	7,126	8,562	10,230
Natural gas permits	15,844	17,379	18,938
Propane gas permits	4,575	4,383	5,005
Subtotal: Gas permits	20,419	21,762	23,943
TOTAL PLUMBING AND GAS PERMITS ISSUED	27,545	30,324	34,173
FIELD INSPECTIONS			
Plumbing inspections covered by permits	9,886	9,703	12,783
Plumbing inspections not covered by permits	2,260	3,012	734
Subtotal: Plumbing inspections	12,146	12,715	13,566
Gas inspections covered by permits	18,662	18,001	18,061
Gas inspections not covered by permits	2,873	3,636	2,019
Approval of domestic/commercial gas equipment	312	371	314
Approval of industrial gas equipment	62	66	44
Approval of gas equipment operational tests	167	126	185
Subtotal: Gas inspections	22,076	22,200	20,622
TOTAL PLUMBING AND GAS INSPECTIONS	34,222	34,915	34,188
WORKERS' CERTIFICATES ISSUED			
Gasfitter certificates	385	486	435
Sewage system contractors' certificates	63	56	37
Others	0	0	15
TOTAL	448	542	487

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